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ANTIBACTERIAL BUILDING MATERIAL

Patent number: JP11236734

Publication date: 1999-08-31

Inventor: MIYAZAKI NORIHIKO

Applicant: KAWAI MUSICAL INSTR MFG CO LTD

Classification:

- **international:** E04B1/62; C09D5/14

- **european:**

Application number: JP19980038897 19980220

Priority number(s):

Abstract of JP11236734

PROBLEM TO BE SOLVED: To provide an antibacterial building material having excellent workability in a painting process and having uniform superior antibacterial properties extending over the whole surface.

SOLUTION: The antibacterial building material is used as a building material for interior finishing such as a floor material, a wall material, a ceiling material, etc., and the surface of the antibacterial building material is coated with an antibacterial ultraviolet curing type coating composition, to which 0.1-20 wt.% amino acid salt of an antibacterial metal at a weight ratio to the solid content of an ultraviolet curing type coating composition is added and mixed while using the ultraviolet curing type coating composition mainly comprising an ultraviolet cured resin as a base. Since the coating composition has viscosity lower than conventional antibacterial paints, workability in a painting process is improved and the dispersing quality of an antibacterial component is enhanced, the surface of the building material has uniform excellent antibacterial properties extending over the whole surface. Since the loading of amino acid salt is prepared in 0.1-20 wt.%, the color of the surface is not changed by ultraviolet rays.